

Amendments to the Claims

1. (Currently Amended) A Fischer-Tropsch process for the conversion of carbon monoxide and hydrogen to C₅+ hydrocarbon mixtures comprising contacting carbon monoxide and hydrogen with a catalyst comprising distinct Fischer-Tropsch catalyst particles and fluid catalytic cracking catalyst particles.
2. (Previously Presented) The process of claim 1 wherein a reaction mixture of carbon monoxide and hydrogen is contacted with the Fischer-Tropsch catalyst particles and fluid catalytic cracking catalyst particles.
3. (Previously Presented) The process of claim 2 wherein the Fischer-Tropsch catalyst particles and the fluid catalytic cracking catalyst particles are dosed individually to the reaction mixture.
4. (Previously Presented) The process of claim 3 wherein the Fischer-Tropsch catalyst particles and the fluid catalytic cracking catalyst particles are dosed at different rates.
5. (Previously Presented) The process of claim 2, wherein the Fischer-Tropsch catalyst particles and fluid catalytic cracking catalyst particles are used in the form of shaped bodies in which both particles are embedded.
6. (Currently Amended) The process of claim 1 wherein the carbon and hydrogen are first contacted with the Fischer-Tropsch catalyst particles and then are subsequently contacted with the fluid catalytic cracking catalyst particles.
7. (Previously Presented) The process of claim 1 wherein the Fischer-Tropsch catalyst particles comprise iron.
8. (Previously Presented) The process of claim 1 wherein the Fischer-Tropsch catalyst particles comprise cobalt.
9. (Previously Presented) The process of claim 1 wherein the fluid catalytic cracking catalyst is a spent or equilibrium fluid catalytic cracking catalyst.

10. (Previously Presented) The process of claim 1 wherein a metal compound has been deposited on the fluid catalytic cracking catalyst.